

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING
ERROR REPORT

MAIT

EFS

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/584,430A
Source: 1F20
Date Processed by STIC: 3/28/07

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWO

RAW SEQUENCE LISTING

DATE: 03/28/2007

PATENT APPLICATION: US/10/584,430A

TIME: 14:57:44

Input Set : N:\efs\03_28_07\10584430A_efs\Seq.txt

Output Set: N:\CRF4\03282007\J584430A.raw

3 <110> APPLICANT: Tweedle, et al.
 5 <120> TITLE OF INVENTION: New Compounds Useful as Metal Chelators
 7 <130> FILE REFERENCE: 57637-1362
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/584,430A
 C--> 9 <141> CURRENT FILING DATE: 2006-06-22
 9 <150> PRIOR APPLICATION NUMBER: PCT/US2004/042710
 10 <151> PRIOR FILING DATE: 2004-12-20
 12 <160> NUMBER OF SEQ ID NOS: 4
 14 <170> SOFTWARE: PatentIn version 3.3
 16 <210> SEQ ID NO: 1
 17 <211> LENGTH: 6
 18 <212> TYPE: PRT
 19 <213> ORGANISM: Artificial
 21 <220> FEATURE:
 22 <223> OTHER INFORMATION: Description of Artificial Sequence: analogs of somatostatin
 25 <220> FEATURE:
 26 <221> NAME/KEY: MOD_RES
 27 <222> LOCATION: (1)..(1) *(N)*
 28 <223> OTHER INFORMATION: *Nal*
 30 <220> FEATURE:
 31 <221> NAME/KEY: MOD_RES
 32 <222> LOCATION: (3)..(3) *(D)*
 33 <223> OTHER INFORMATION: *Trp*
 35 <220> FEATURE:
 36 <221> NAME/KEY: MOD_RES
 37 <222> LOCATION: (6)..(6)
 38 <223> OTHER INFORMATION: *NH2*
 40 <400> SEQUENCE: 1
 42 Cys Thr Lys Val Cys Thr
 43 1 5
 46 <210> SEQ ID NO: 2
 47 <211> LENGTH: 6
 48 <212> TYPE: PRT
 49 <213> ORGANISM: Artificial
 51 <220> FEATURE:
 52 <223> OTHER INFORMATION: Description of Artificial Sequence: analogs of somatostatin
 55 <220> FEATURE:
 56 <221> NAME/KEY: MOD_RES
 57 <222> LOCATION: (1)..(1) *(N)*
 58 <223> OTHER INFORMATION: *Nal*
 60 <220> FEATURE:
 61 <221> NAME/KEY: MOD_RES
 62 <222> LOCATION: (3)..(3)

see p 1-2

Does Not Comply
Corrected Diskette Needed

? "Cys" is at location 1. "Nal" is a modified form of alanine.
If the amino acid at location 1 can be either Cys or Nal, use "Xaa", instead, and explain in <2207-2223> section

? "Lys" is at 3
Use Xaa and explain

OK

Same error

use Xaa

RAW SEQUENCE LISTING

DATE: 03/28/2007

PATENT APPLICATION: US/10/584,430A

TIME: 14:57:44

Input Set : N:\efs\03_28_07\10584430A_efs\Seq.txt

Output Set: N:\CRF4\03282007\J584430A.raw

63 <223> OTHER INFORMATION: **DTrp** *same*

65 <220> FEATURE:

66 <221> NAME/KEY: MOD_RES

67 <222> LOCATION: (6)..(6)

68 <223> OTHER INFORMATION: ol

70 <400> SEQUENCE: 2

72 Cys Thr Lys Val Cys Thr

73 1 5

76 <210> SEQ ID NO: 3

77 <211> LENGTH: 6

78 <212> TYPE: PRT

79 <213> ORGANISM: Artificial

81 <220> FEATURE:

82 <223> OTHER INFORMATION: Description of Artificial Sequence: analogs of somatostatin

85 <220> FEATURE:

86 <221> NAME/KEY: MOD_RES

87 <222> LOCATION: (1)..(1)

88 <223> OTHER INFORMATION: **DPhe** *same mon*

90 <220> FEATURE:

91 <221> NAME/KEY: MOD_RES

92 <222> LOCATION: (3)..(3)

93 <223> OTHER INFORMATION: **DTrp** *same*

95 <220> FEATURE:

96 <221> NAME/KEY: MOD_RES

97 <222> LOCATION: (6)..(6)

98 <223> OTHER INFORMATION: OH

100 <400> SEQUENCE: 3

102 Cys Tyr Lys Thr Cys Thr

103 1 5

106 <210> SEQ ID NO: 4

107 <211> LENGTH: 9

108 <212> TYPE: PRT

109 <213> ORGANISM: Artificial

111 <220> FEATURE:

112 <223> OTHER INFORMATION: Description of Artificial Sequence: LHRH analog

115 <220> FEATURE:

116 <221> NAME/KEY: MOD_RES

117 <222> LOCATION: (1)..(1)

118 <223> OTHER INFORMATION: pyroGlutamic acid *OK*

120 <220> FEATURE:

121 <221> NAME/KEY: MOD_RES

122 <222> LOCATION: (4)..(4)

123 <223> OTHER INFORMATION: Xaa=Ser, NMeSer or Thr

125 <220> FEATURE:

126 <221> NAME/KEY: MOD_RES

127 <222> LOCATION: (5)..(5)

128 <223> OTHER INFORMATION: **DLys** *Tyr is at 5. Use Xaa and explain*

130 <220> FEATURE:

131 <221> NAME/KEY: MOD_RES

Input Set : N:\efs\03_28_07\10584430A_efs\Seq.txt
Output Set: N:\CRF4\03282007\J584430A.raw

```

132 <222> LOCATION: (6)..(6)
133 <223> OTHER INFORMATION: Xaa=Leu, NMeLeu, t-ButylGly
135 <220> FEATURE:
136 <221> NAME/KEY: MOD_RES
137 <222> LOCATION: (7)..(7)
138 <223> OTHER INFORMATION: Xaa=Arg, Arg(Et2), Cit, Lys(isopropyl)
140 <220> FEATURE:
141 <221> NAME/KEY: MOD_RES
142 <222> LOCATION: (9)..(9)
143 <223> OTHER INFORMATION: Xaa=Gly-NH2 or Azagly-NH2
145 <400> SEQUENCE: 4
W--> 147 Glu His Trp Xaa Tyr Xaa Xaa Pro Xaa
      148 1 5

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/584,430A

DATE: 03/28/2007
TIME: 14:57:45

Input Set : N:\efs\03_28_07\10584430A_efs\Seq.txt
Output Set: N:\CRF4\03282007\J584430A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 4,6,7,9

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/584,430A

DATE: 03/28/2007

TIME: 14:57:45

Input Set : N:\efs\03_28_07\10584430A_efs\Seq.txt

Output Set: N:\CRF4\03282007\J584430A.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:147 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0